

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	43432	conduct\$3 WITH (groove cutout trench slot) AND (substrate dielectric)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/10 12:44
L2	3852	interconnect\$2 SAME (ILD interlayer NEAR dielectric)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/10 12:32
L3	986	L2 AND 1	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/10 12:33
L4	483	3 AND @pd <="20040322"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/10 12:45
L5	56	4 AND (direct\$3 NEAR contact)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/10 12:45
L6	64096	(conduct\$3 metal) WITH (groove cutout trench slot) AND (substrate dielectric)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/10 12:44
L7	44221	6 AND @pd <="20040322"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/10 12:45
L8	2939	7 AND (direct\$3 NEAR contact)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/10 12:48
L9	2237	(336/200,23,232).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/09/10 12:48
L10	2972	(29/602.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/09/10 12:49

## EAST Search History

L11	4943	L9 L10	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/10 12:48
L12	2	8 AND 11	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/10 12:49
L15	14	("2493604"   "2943134"   "3056071"   "3340446"   "3440587"   "3585552"   "3780206"   "3974302"). PN. OR ("4095204").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/10 12:49

## EAST Search History

S2	286	(( "4959630" ) or ( "5017902" ) or ( "4808959" ) or ( "4959705" ) or ( "5321380" ) or ( "5629655" ) or ( "5652173" ) or ( "5777533" ) or ( "5915188" ) or ( "5926075" ) or ( "5969590" ) or ( "6002161" ) or ( "6015742" ) or ( "6181231" ) or ( "4297647" ) or ( "4322698" ) or ( "4369557" ) or ( "4482874" ) or ( "4494100" ) or ( "4543553" ) or ( "4555291" ) or ( "4755783" ) or ( "4756928" ) or ( "4797785" ) or ( "4823205" ) or ( "4828961" ) or ( "4853496" ) or ( "4967175" ) or ( "4987009" ) or ( "5070317" ) or ( "5045380" ) or ( "5176853" ) or ( "5219827" ) or ( "5225969" ) or ( "5250915" ) or ( "5272111" ) or ( "5316602" ) or ( "5359315" ) or ( "5363080" ) or ( "5373112" ) or ( "5382829" ) or ( "5398400" ) or ( "5414402" ) or ( "5428885" ) or ( "5436601" ) or ( "5466480" ) or ( "5508234" ) or ( "5514832" ) or ( "5523729" ) or ( "5534727" ) or ( "5541135" ) or ( "5565837" ) or ( "5567240" ) or ( "5639391" ) or ( "5647966" ) or ( "5653375" ) or ( "5666000" ) or ( "5717249" ) or ( "5736421" ) or ( "5738931" ) or ( "5752182" ) or ( "5760456" ) or ( "5777277" ) or ( "5781578" ) or ( "5781110" ) or ( "5781081" ) or ( "5785879" ) or ( "5805043" ) or ( "5847451" ) or ( "5864318" ) or ( "5894252" ) or ( "5918121" ) or ( "5922514" ) or ( "5930637" ) or ( "5943580" ) or ( "5948200" ) or ( "5998836" ) or ( "6005467" ) or ( "6031458" ) or ( "6071800" ) or ( "6075432" ) or ( "6094112" ) or ( "6115264" ) or ( "6124779" ) or ( "6151204" ) or ( "6153489" ) or ( "6165659" ) or ( "6169320" ) or ( "6180445" ) or ( "6187647" ) or ( "6189200" ) or ( "6191468" ) or ( "6201215" ) or ( "6215387" ) or ( "6218203" ) or ( "6222427" ) or ( "6225570" ) or ( "6215387" ) or ( "6218203" ) or ( "6222427" ) or ( "6225570" ) or ( "6238779" ) or ( "6242282" ) or ( "6249039" ) or ( "6278264" ) or ( "6285116" ) or ( "6287932" ) or ( "6291305" ) or ( "6293001" ) or ( "6294756" ) or ( "6304156" ) or ( "6310387" ) or ( "6313003" ) or ( "6348716" ) or ( "6359522" ) or ( "6362716" ) or ( "6366192" ) or ( "6384442" ) or ( "6388535" ) or ( "6391526" ) or ( "6392275" ) or ( "6395637" ) or ( "6411178" ) or ( "6414568" ) or ( "6426543" ) or ( "6437409" ) or ( "6437666" ) or ( "6452249" ) or ( "6456172" ) or ( "6462522" ) or ( "6466120" ) or ( "6476695" ) or ( "6477031" ) or ( "6504227" ) or ( "6504466" ) or ( "6521976" ) or ( "6522007" ) or ( "6529101" ) or ( "6541841" ) or ( "6552384" ) or ( "6555913" ) or ( "6577208" ) or ( "6583677" ) or ( "6590473" ) or ( "6614093" ) or ( "6631545" ) or ( "6714422" ) or ( "6727572" ) or ( "6768399" ) or ( "6784548" ).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/09/10 09:06
S39	80	inductor WITH trench WITH spiral	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/08 15:33
S40	1272	conduct\$3 WITH (groove cutout trench slot) WITH spiral	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/10 12:31

## EAST Search History

S41	104	S40 WITH substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/08 15:35
S42	2	("6395637").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/09/08 15:56
S43	27	("1563731"   "2583854"   "2584592"   "4081770"   "4253079"   "4313151"   "4376274"   "4494100"   "4614925"   "4728911"   "4843404").PN. OR ("5111169").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 15:59
S44	2	("20030210122").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/09/10 09:09
S45	2	("6894598").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/09/10 09:09
S46	2	("6194987"   "6529720").PN. OR ("6894598").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/10 09:12
S47	2237	(336/200,23,232).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/09/10 09:57
S48	3852	interconnect\$2 SAME (ILD interlayer NEAR dielectric)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/10 09:57
S49	3852	S48	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/10 09:59
S50	2972	(29/602.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/09/10 09:59
S51	0	("004and5").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/09/10 09:59

## EAST Search History

S52	5	S47 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/10 10:00
S53	266	S47 and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/10 10:04

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L16	0	(dielectric AND (spiral NEAR trench) AND inductor AND (third adj metal) AND (directly adj contact) AND overlapping).CLM.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/09/10 13:25